

**North American Numbering Council
Meeting Minutes
January 22, 2003 (Final)**

I. Time and Place of Meeting. The North American Numbering Council held a meeting commencing at 9:00 a.m., at the Federal Communications Commission, 445 12th Street, S.W., TW-C305, Washington, D. C.

II. List of Attendees.

Voting Council Members:

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| 1. Robert Atkinson | Chairman |
| 2. Jonathan Askin | ALTS |
| 3. Pamela Connell | AT&T |
| 4. Wendy Potts | Bell Canada |
| 5. Randy Sanders | BellSouth |
| 6. Michael Altschul | CTIA |
| 7. H. Russell Frisby, Jr. | CompTel |
| 8. Greg Pattenaude | NARUC |
| 9. Peter Pescosolido | NARUC |
| 10. Helen Mickiewicz | NARUC |
| 11. Dan Kearney | NARUC |
| 12. Hon. Elliott Smith | NARUC |
| 13. Joel Cheskis | NASUCA |
| 14. Beth O'Donnell | NCTA |
| 15. David Bench | Nortel Networks |
| 16. C. Courtney Jackson | OUR |
| 17. Deborah Bell | SBC Communications, Inc. |
| 18. Hoke Knox | Sprint |
| 19. Anna Miller | T-Mobile USA, Inc. |
| 20. Michael O'Connor | Verizon |
| 21. Karen Mulberry | WorldCom |

Special Members (Non-voting):

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| John Manning | NANPA |
| Jean-Paul Emard | ATIS |

Commission Employees:

Sanford Williams, Designated Federal Officer (DFO)
Jennifer Gorny, Alternate DFO
Deborah Blue, Special Assistant to the DFO
Diane Griffin, Assistant Chief, Wireline Competition Bureau

Cheryl Callahan, Assistant Chief, Telecommunications Access Policy Division

III. Estimate of Public Attendance. Approximately 36 members of the public attended the meeting as observers.

IV. Documents Introduced.

- (1) Agenda
- (2) November 19-20, 2002 NANC Meeting Minutes
- (3) NANPA Report to the NANC
- (4) Status of Area Code Relief Exhausting within 36 Months
- (5) National Thousands Block Number Pooling Services Report
- (6) INC Issue Identification Form
- (7) Number Oversight Working Group Report
- (8) Draft Transmittal Letter from NANC to the FCC for NENO Report
- (9) NANC IMG Review of Soft Dial Tone Numbers
- (10) NANC IMG Review of Intermediate Numbers
- (11) Memorandum from the California Public Utilities Commission to Robert Atkinson regarding Minority Report on Intermediate Numbers
- (12) INC Report to the NANC
- (13) LNPA Working Group Status Report to the NANC
- (14) Wireless Number Portability Operations Status Report to the NANC
- (15) Wireless Number Portability Subcommittee Pooling Task Force Report
- (16) NANPA Fund Performance Status Report & Funds Projection
- (17) Presentation to the NANC from Vonage digital voice
- (18) VoIP Numbering Issues – Much Ado About Nothing?
- (19) BellSouth Contribution to the INC

V. Summary of the Meeting.

A. Announcements and Recent News. Chairman Atkinson introduced the new NANC members. He reiterated that only the primary NANC members or the alternate appointed by the Commission may sit at the table during the meeting. Dave Bench advised that Commissioner JoAnne Sanford apologized for not officially saying goodbye to the NANC members.

Deborah Bell, SBC, reported that on December 17, 2002, President Bush signed a bill supporting the pipeline industry's implementation of a 3-digit nationwide toll-free telephone number. She indicated that this number is designed to allow access to the states' one-call notification system. Ms. Bell further indicated that it has a one year implementation date. Sanford Williams, DFO, stated that he will discuss the issue internally and advise the NANC whether these are issues the Council should consider. Chairman Atkinson remarked that someone is going to have to recommend the 3-digit nationwide toll-free telephone number. He stated that the NANC is the obvious candidate. Chairman Atkinson stated that if the FCC wants the NANC to take the lead

and make a recommendation, the FCC should inform the NANC, and the NANC will set up an IMG by e-mail.

B. Approval of Meeting Minutes. The NANC agreed to approve the Minutes of the November 19-20, 2002 NANC meeting electronically in order to give the NANC members time to review them.

C. North American Numbering Plan Administrator (NANPA) Report to the NANC. John Manning, NANPA, provided the report to the Council.

Central Office Code (CO) Activity Report. Mr. Manning reported that the total number of assignments in 2002 were 7,178 codes. The total number of returns in 2002 was 3,604 codes. Net assignments were 3,574 codes. He noted that, comparing 2002 and 2001, total assignments dropped by 3,220 codes. Total assignments in 2002 were down in comparison to 2001. Net assignments were down by nearly 800 codes. The levels of return codes in 2000 and 2002 are similar. Mr. Manning stated that in 2001 there were almost twice as many returns. He noted that there is beginning to be a slowdown in the returned codes. Mr. Manning stated the impact of wireless pooling can be seen in the November and December 2002 numbers since wireless carriers had to obtain numbers in thousands-blocks in those areas where pooling had been implemented.

2002 Central Office Code Administration Highlights. Mr. Manning reported on significant events in 2002 regarding CO Code Administration and on the NANPA's performance during the year. Mr. Manning stated the NANPA delivered consistently high quality Code Administration service. He reported that 98.7% of all applications were processed in 10 working days or less; 99.9% of all applications were processed without code rejects; the NANPA began reclamation of codes within 6 months of the effective date 99.9% of the time; all code application errors were identified when responding to the applicant; and 92% of the respondents were satisfied or more than satisfied with Code Administration service.

Code Administration System (CAS). Mr. Manning reported that in 2002, the CAS was up and running for the entire year. He stated that the NANPA received very good marks on the CAS' functionality. Mr. Manning noted that some surveys conducted by the NANPA yielded a 4.6 out of a maximum 5.0 score in terms of feedback with regard to the CAS. He indicated that NANPA put some measures in place to try to increase the usage of the CAS. Mr. Manning stated that in conjunction with the NOWG, the NANPA encouraged service providers to start using the CAS. By the end of 2002, usage was up, with approximately 50% of all applications coming in via the CAS.

Mr. Manning reported that the NANPA is continuing its implementation of the NRO Orders. He pointed out that the implementation of the 65% utilization threshold is a particular milestone. Mr. Manning stated that NANPA helped ensure a more efficient implementation of the safety valve process for service providers. He stated that one significant issue at the beginning of 2002 was returned codes with ported telephone

numbers (TNs). Mr. Manning reported that 3,587 codes were returned, of which 321 had ported TNs. Of the 321 codes, the NANPA was able to find 305 new code holders. Mr. Manning noted that it is a 95% success rate. He reported on the Unavailable Code project. Mr. Manning stated that the NANPA identified 1,815 classified as unavailable codes and determined that 1,340 of those codes could be made available for assignment. He noted that the NANPA worked with individual state commissions to reclaim codes that are currently classified as unavailable. Mr. Manning reported that the NANPA offered some new reports, primarily for state commissions, to assist them in their oversight of administration activities. He further reported that the NANPA initiated a CAS/LERG/NRUF comparison to identify and correct discrepancies, and advised that that effort will continue into the year 2003.

NPAs and NPA Relief Planning Report. Mr. Manning reported that three new NPAs were assigned in 2002. He noted that this is a major difference from what had been experienced previously. Mr. Manning reported that of the general purpose codes, 233 NPAs have been reserved. He indicated the number of available general purpose codes is down to 28 NPAs. Mr. Manning indicated that five NPA codes are currently projected to exhaust within the next 12 months: (1) West Virginia 304 – projected to exhaust the first quarter of 2004 (The industry has filed relief plans and is awaiting PSC approval); (2) California 310 - as of January 17, 2003, there were 8 NXX codes available for assignment (Rationing is at 1 code every month, and it projected to exhaust mid-year 2003); (3) California 909 – as of January 17, 2003, there were 13 NXX codes available for assignment; (Rationing is at 2 codes every month, and the CPUC has approved a relief plan); (4) Pennsylvania 484/610 overlay has been approved by the PSC (the NANPA has been instructed to notify the Pennsylvania commission when this NPA is 10 months from exhaust.); and (5) Michigan 616 – NPA relief is on schedule.

Michael O'Connor, Verizon, noted that projected exhaust is expected in as little as six months for area codes 310 and 909. He further stated that it is possible that there could be five months where no carrier in those two area codes will have access to NXXs. Mr. Manning responded that it is a definite possibility, if no action is taken. Helen Mickiewicz, NARUC, advised that in area codes 310 and 909, there are substantial quantities of numbers in pools. She stated that it is unclear how rapidly the dwindling supply of NXX codes in 310 and 909 would be depleted. Ms. Mickiewicz advised that the staff at the CPUC is working on plans to present to the CPUC on how to move forward with 310 and 909. She further advised that if carriers have concerns about the status of the situation with 310 and 909, they should contact the five Commissioners at the CPUC. Anna Miller expressed concern that 310 and 909 will exhaust before a relief plan can be implemented.

Changes in NPA Exhaust Projections. Mr. Manning reviewed the latest changes in NPA exhaust projections as of January 21, 2003. He indicated that the exhaust projections for four NPAs had been modified. Mr. Manning indicated relief planning will not have to start in the first quarter of 2003 for these four NPAs.

Assignment of 684 NPA to American Samoa. Mr. Manning advised that based upon direction given to NANPA by the FCC, NANPA is in the process of making the assignment of part of the 684 area code to American Samoa. He indicated that American Samoa had requested to become a part of the NANP approximately one and a half years ago.

2002 NPA Relief Planning. Mr. Manning stated that NPA relief planning was significantly impacted by events in 2002, including the reduction in CO Code demand as a result of the economy, the NANPA's implementation of number optimization measures, and the return of codes. He indicated that these activities impacted the number of projects that the NANPA initiated. Mr. Manning stated that the NANPA focused their attention on current projects. He reviewed a number of operation improvements in the relief planning process that were initiated by the NANPA.

NANP Resource Status Update. Mr. Manning reported that in 2002, the NANPA assigned eight FG B CICs. He noted that there are currently 836 FG B assignments. Mr. Manning advised that there is no concern about this resource exhausting in the near future. He reported that there were 163 FG D CICs assigned in 2002. That number is down from 236 in 2001. The average monthly assignment rate dropped from 19 codes per month to approximately 14 codes per month in 2002. There are still 7,400 FG D CICs available for assignment. Based upon the current monthly assignment rate, the projected exhaust of this resource is over 40 years. Mr. Manning reported that in 2002, NANPA assigned 65 500-NXX codes and 13 were returned. At the end of 2002, there were 523 500 NXX codes assigned, with 264 available for assignment. The projected 500 NXX resource is projected to exhaust in 2006.

Courtney Jackson, OUR, questioned whether there had been any reclamation of CICs. He inquired whether any CICs have been returned to the NANPA. Mr. Manning indicated that approximately 40 CICs have been reclaimed.

Mr. Manning reported that the demand for 900 NXX codes is nonexistent. He stated that one 900 NXX code was assigned in 2002 and 23 were reclaimed. In 2002, 206 900 NXX codes were assigned. Mr. Manning reported that in 2002, 153 555 line numbers were assigned. He indicated that 2,043 555 line numbers are available for assignment. Mr. Manning advised that there has been no reclamation involved in this particular resource. He stated that as a result of INC Guidelines, reclamation for 555 line numbers has been given to the regulators, and there has been no action on it. Mr. Manning reported that there were no assignments in 2002 of the NPA 456 (International Inbound Service), 800-855, Vertical Service Codes and Automatics Number Identification (ANI) II Digits and N11 Codes. He stated that all applications for CICs, 555 line numbers, 500 and 900 NXX codes were processed within the 10 working day interval. Mr. Manning further stated that all applicable code assignments were submitted to INC for reclamation. He reported that per FCC direction, NANPA initiated the assignment of CICs to switchless resellers. In the 4th quarter of 2002, 11 FG D CICs were assigned to switchless resellers. Randy Sanders, BellSouth, inquired whether there are any N11 codes remaining that have not been assigned. Mr. Manning responded yes.

NRUF Update. Mr. Manning reminded everyone that the NRUF submissions are due February 1, 2003. The FCC Federal Registration Number (FRN) will now be required for each submission. Mr. Manning advised that the NANPA has updated the Form 502 Excel spreadsheet and added the FRN field to the “Company Information” page. He further advised that the NANPA has sent out numerous notices through its NRUF distribution list advising carriers of this new requirement. Mr. Manning stated that the NANPA developed some Frequently Asked Questions (FAQs) regarding the new FRN requirement. He specifically noted one FAQ regarding which FRN should be used if a company has multiple FRNs. Mr. Manning stated that if a company has multiple FRNs, it should use the one it intends to list on its FCC Form 499-A.

Mr. Manning gave an update on highlights regarding 2002 NRUF. He reported that in 2002, the NANPA processed 11,000 Form 502 submissions. Of those 11,000, only 100 of those forms were rejected. There were 4,000 forms with errors. In 2001, there were 6,000 errors. With regard to the quantity of state reports, 166 reports were provided to state commissions. Mr. Manning reported that NANPA enhanced its analysis of NRUF data to identify anomalous and inconsistent data by comparing NRUF data with both CAS and LERG information.

Mr. Manning stated that the NANPA has rejected 140 submissions thus far in this submission cycle. He noted the primary reason for rejection is because of a missing or an invalid FRN. He noted that some carriers are using the old Form 502, which does not have the FRN field. Mr. Manning specified that there is a specific form for pooling carriers to use. He emphasized that carriers have to use the appropriate form and must use valid rate center names.

Mr. Manning stated that the NANPA is currently working to make the 2002 Annual Report available on-line in early February 2003. Notice of its availability will be provided to the NANC.

Dan Kearney, NARUC, inquired about the status of the NANPA procurement contract. Mr. Williams stated that the FCC has started a procurement process to select a new administrator. He advised that the procurement is temporarily on hold. Mr. Williams further advised that the procurement will be back on schedule soon. Ms. Mickiewicz inquired as to when the current contract expires. Mr. Williams responded within the next couple of weeks, and advised that arrangements have been made with the current NANPA to remain in place until a new NANPA is named.

D. Presentation by National Thousands-Block Pooling Administrator (PA).

Barry Bishop, NeuStar, provided the report to the Council. Mr. Bishop stated that since the national rollout began on January 4, 2002, there have been 70 First Implementation Meetings (FIMs) for 107 NPAs (including overlays and splits in permissive dialing). The FIMs for the 5th Quarter of the rollout schedule will be completed on February 5, 2003. The 6th Quarter of the rollout schedule will be posted by January 31, 2003. Mr. Bishop stated that the pooling administrator website now includes a Rate Center File section

under Reports, which allows a user to verify mandatory, optional and excluded rate centers in each NPA.

Mr. Bishop reported that there have been no new Change Orders filed with the FCC since September 18, 2002. He reported on the outstanding Change Orders: Change Order #6 – CO NXX Issue #295 – change to Selection Process of Code Holder; Change Order #10 – LNPA Issue #319 – Intra-SP Porting for Rate Center Telephone Number Administration; Change Order #11 – CO/NXX Issue #195 – Final Jeopardy Procedures; Change Order #12 – changes to the TBPAG identifying rules within FCC 01-362; Change Order #13 – Modification to User Profile Application Appendix 5; Change Order #14 – Modify Part 3 Form in TBPAG; Change Order #15 – Update MTE in COCAG; and Change Order #16 – LNPA Issue #335 – AOCNs Performing Initial Thousand Block Entries into BIRRDS.

Mr. Bishop reviewed with the Council, the December 2002 and January 2003 Thousands Block Pooling Reports that were submitted to the FCC by the PA. He reported that during November 1 thru November 30, 2002: 2936 applications were approved; 462 applications were denied; and 499 applications were suspended. During December 1 thru December 31, 2002: 1491 applications were approved; 357 applications were denied; and 280 applications were suspended. Mr. Bishop reviewed with the NANC, the December 2002 and January 2003 System Performance Reports that were submitted to the FCC by the PA. He reported that for the months of December 2002 and January 2003 the Pooling Administration System availability was 100%.

Mr. Bishop reported that the modified Unassigned Number Porting (UNP) trial began in the Connecticut 203 and 860 NPAs on November 1, 2002. He stated that the trial is administered by NANPA at the tens-block level. UNP guidelines were developed by the industry with NeuStar's assistance, and a web page was developed by NeuStar for the applications to be submitted. The PA has set aside one thousands block for each rate center for this trial. As of January 1, 2003, no tens-blocks have been assigned. Mr. Bishop stated the Connecticut Commission will continue the trial with the expectation that resources will be taken. He indicated that if no resources have been taken by March 4, 2003, a pseudo trial will take place.

Mr. Bishop reported that some intra-service provider ports are not being done, and customers end up out of service. He stated that the PA and several service providers (SPs) took the issue to the INC. Mr. Bishop advised that the INC decided not to accept the issue. He noted that this is the second time that this issue has been taken to the INC. Mr. Bishop explained the PA raised this issue with the NANC because carriers are calling the PA and asking why blocks have not been checked to see if the intra-SP ports are done. Mr. Bishop explained that contaminated blocks are being donated, intra-SP ports are not being done, the blocks are assigned to new carriers, and the new carrier puts the blocks in service. Mr. Bishop further stated that no one is trying to address the issue, and it can have disastrous effects on end users.

Ms. Mickiewicz questioned why the INC was not taking the issue. Dana Smith, INC Moderator, responded that the issue did not meet INC's issue criteria. She stated that a

solution already exists, namely that service providers follow the guidelines. Ms. Smith indicated that the guidelines are fairly specific about service providers' responsibilities. She pointed out that intra-SP ports are included in the guidelines. Ms. Smith stated that the resolution suggested that the PA ask the NPAC to check for one intra-SP port, and the INC did not feel that that would actually resolve the issue. Mr. Bishop stated that the service providers have the ability to solve the problem themselves, but they are not doing it. Chairman Atkinson inquired how service providers can solve the problem. Mr. Bishop stated that they need to do the intra-SP ports when they donate the blocks. Chairman Atkinson asked the PA to provide the quantity of these events at the March 19, 2003 NANC meeting. He further asked that the PA track these events to see if they start to decline or if they increase.

Mr. Bishop reported on another INC issue regarding service providers requesting multiple Location Routing Numbers (LRNs). He stated that this was another issue that was not accepted by the INC. Mr. Bishop explained that a lot of carriers are increasingly requesting LRNs for Points of Interconnection (POI) in large metropolitan areas. He further explained that every time a carrier requests an LRN for POI, they should be the code-holder. In most cases, it requires opening a new CO Code. Mr. Bishop explained that the PA was bringing this issue to the NANC because they want the INC to take a look at how LRNs can be provided without opening up more codes. The INC told the PA to either take the issue back to Committee T1 and/or the NANC. Ms. Mickiewicz stated that it was happening a lot in California, and the California PUC worked extensively with carriers and the PA. She stated that the issue needs to be resolved. Ms. Mulberry requested some details about the LRN. Mr. Bishop stated that an LRN is a ten-digit number. He explained that the first six digits are the only digits that are routed on today. The other four digits are held for future use. Mr. Bishop stated that technically, the LRN may be any number. He advised that the industry decided to make it easy to understand who owned a particular LRN. It would match the NPA NXX. In order to get a LRN you would have to own a code, thus, becoming a code holder. Chairman Atkinson questioned whether the NANC should resolve this issue by assigning it to an IMG or working group or whether it should go to someone else for resolution. Mr. Bench advised that any revision of LRN standards would have to go back to an accredited standards body, which is Committee T1. He further advised that if the NANC decides to revise the standard, then Committee T1 would have to revise the standard for LNP. Ms. Mulberry proposed that the issue be sent to the LNPA Working Group for a recommendation since they are the advisory group for the NANC regarding LNP architecture and technical issues. She added that the NANC could refer the recommendation to Committee T1 or another accredited standards body for review and adoption in the standard.

After extensive discussion, it was decided that the issue would be worked in the LNP Working Group. The goal will be to determine whether the standard needs to be revised and, if so, to recommend a revision.

Mr. Bishop reported on optional pooling rate centers. He indicated that in most rate centers pooling is deployed with minimal problems. Mr. Bishop advised that in some

optional pooling rate centers, the PA is discovering: intra-SP ports are not being completed; donations are being received from carriers that have not deployed their LRN technology; queries are not being done on defaulted routed calls, causing calls to fail; and interconnected carriers have not deployed LRN technology. Mr. Bishop stated that the PA has sent letters to carriers reminding them to adhere to the guidelines. The issues are being covered in First Implementation Meetings.

Mr. Bench advised that there is a process in place. He further advised that there is an implementation test document published by the NIIF to walk a service provider through testing for LNP implementation. Mr. Bench pointed out that the problem is getting people to participate in the process. Chairman Atkinson asked Mr. Bishop to advise the NANC whether or not things are getting better or worse at the March NANC meeting.

E. Number Oversight Working Group (NOWG) Report. Karen Mulberry, WorldCom, presented the report to the Council.

Pooling Administration System (PAS) Forecasting Work Around Recommendation. Ms. Mulberry stated that the NOWG considered the feasibility of “work-arounds” that would allow service providers (SPs) the ability to be assigned blocks by PAS even if the quantity of blocks requested exceeds the SP’s PAS forecast. She indicated that this is in response to an Action Item from the November 19, 2002 NANC meeting. Ms. Mulberry advised that the NOWG focused on eliminating the need for an SP to provide the “on the spot” forecast currently required by PAS when the quantity of blocks requested exceeds the embedded PAS forecast. She further advised that the NOWG was unable to identify a work-around that could be implemented by SPs. Ms. Mulberry indicated that the NOWG did identify a solution that may be easily implemented by NeuStar in the short term. She stated that the PAS should override and auto-update the SP’s embedded forecast for the current month based upon the actual number of blocks requested and should discontinue the present practice that they currently have where it is hard-coded. Ms. Mulberry advised that the NOWG transmitted the recommendation to the NANC Chair and the FCC in December 2002.

Outstanding PA Change Order Recommendations. Ms. Mulberry reported that the NOWG developed a template format to analyze the various PA Change Orders. She stated that the NOWG reviewed all of the open Change Orders and prepared recommendations for the FCC. The recommendations were forwarded to the FCC and the NANC Chair on December 6, 2002. Ms. Mulberry reported that all of the Change Orders, except Change Order #11 – CO/NXX Issue #195 – Final Jeopardy Procedures, and Change Order #15 – Issue #327 – Update of CO Code Guidelines, were approved by the NOWG.

Status of 2002 NANPA Performance Survey. Ms. Mulberry reported that the survey response deadline was extended to January 15, 2003. The original date was December 31, 2002. She thanked the NANPA for their assistance in soliciting carriers to submit surveys. Chairman Atkinson advised that the industry association which gets the best performance out of their industry sector will receive a plaque from the NANC. Ms.

Mulberry noted a change in the survey process. She explained that there is only one survey per entity so that multiple surveys will not be received from a single company. Ms. Mulberry noted that 146 surveys have been tabulated to date. Twenty seven (27) are from regulatory agencies. The NOWG will provide the final report to the NANC in March 2003.

Status of 2002 NANPA Performance Improvement Plan (PIP) Items. Ms. Mulberry gave an update on the seven PIP items: PIP 1 - Code Administration System (CAS) - some of the elements involved with the CAS have been completed while others have been suspended because there is a new RFP with new requirements ongoing; PIP 2 – NANPA Web Site – completed; PIP 3 – Code Administration – completed; PIP 4 – Relief Planning – completed; PIP 5 – NRUF – some of the issues related to this item are ongoing, and the NOWG will continue to monitor those issues; PIP 6 – Measurements – completed; PIP 7 – General – most of the issues related to this item are ongoing, and the NOWG will continue to monitor those issues.

Ms. Mulberry reviewed the upcoming meeting schedule with the NANC members.

F. NANP Expansion/Numbering Optimization IMG (NENO). Penn Pfautz provided a draft transmittal letter for the NENO Report from the NANC to the FCC. Mr. Pfautz proposed that the NANC should send the report to the FCC noting that there is no immediate danger of exhaust. He advised that the NANC will continue to monitor the situation through the yearly NANPA exhaust projection. Mr. Pfautz stated that if it should appear that NANP exhaust is on the horizon, or if new optimization possibilities appear in the judgment of the NANC to have significant promise, then the NANC will revive the NENO's Report through an IMG or working group. The IMG will also examine the possibility of implementing some of the optimization measures that have already been evaluated by the NENO.

Chairman Atkinson proposed that the NANC transmit the report to the FCC. He further proposed that in order to make sure the report is not forgotten, when NANPA provides its annual current exhaust forecast, the NANC will review and discuss the NENO Report. Mr. Bench read a statement regarding Nortel Networks' Position on D digit Release. Nortel Networks commends the participants of the NENO and states the report was a tremendous effort which pulled together various industry and regulatory segments. However, Nortel Networks feels that the section of the report on D digit Release does not go far enough in outlining the consequences associated with D digit Release to the industry and regulators. Chairman Atkinson expressed appreciation for the work of the NENO.

G. Report of the NANC Intermediate Numbering/Soft Dial Tone (IN/SDT) IMG. Deborah Bell, SBC, presented the report to the Council. Ms. Bell reported that the IN/SDT IMG met with representatives from the California PUC staff regarding Soft Dial Tone Numbers as well as Intermediate Numbers. She stated that the IMG and the California PUC only agreed, collectively, to one change in the Soft Dial Tone Numbers Report. The change was the addition of the following statement in Section V, "The

Conclusion: Once the facilities associated with the SDT number are activated for customer use, the SDT number is returned to the carrier's inventory for aging or reassignment". Ms. Bell indicated that everything else remains as it was presented in the November NANC meeting. She advised that the date on the Intermediate Numbers Report should remain as November 19, 2002 since no changes were agreed to, collectively, between the IMG and the representatives from the California PUC staff. Ms. Bell noted that there was agreement for a need to re-define intermediate numbers based on the current information from research from their collective report. She stated that consensus was not reached on exactly what the language should be or how detailed the definition should be. Ms. Bell further stated that the Minority Report on Intermediate Numbers is being submitted by the California PUC with a different definition for Intermediate Numbers, including two categories rather than just the general definition.

Chairman Atkinson stated that he will forward the Soft Dial Tone Report to the FCC with the recommendation that the FCC should instruct the NANPA and the PA to implement these recommendations. He further stated that he will forward the Intermediate Numbers Report and the Minority Report on Intermediate Numbers to the FCC with the recommendation that they institute an NPRM that raises both views and ask for public comment on the both reports. Chairman Atkinson announced that the IN/SDT IMG is disbanded, and he thanked Ms. Bell and the IMG for the great work.

H. Industry Numbering Committee (INC) Report. Dana Smith, INC Moderator, presented the report to the Council. Ms. Smith reviewed the INC meeting schedule with the NANC. She reported on the Document Maintenance and Management (DMM) Workshop. Ms. Smith stated that the INC had an ex parte on June 21, 2002, with the DFO and other FCC staff members to discuss the challenges of blending dynamic, fluid industry guidelines with the contract constraints under which the PA must operate. The industry and the PA continue to make process improvements that benefit all parties. Yet, if a PAS modification is part of the resolution, it cannot be implemented until the FCC makes a decision on the resulting PA Change Order. She expressed concern about the pending Change Orders, particularly Change Order 16 which was submitted on September 18, 2002 and needs immediate action by the FCC. Absent a more expedient, flexible way of managing the PA contract constraints, INC has two undesirable choices: manipulate the administrative process for issue resolution to get around specific roadblocks in PA contract; and/or stop using PAS and revert to paper until Change Orders are implemented. INC is concerned that further manipulation of its processes may be necessitated by the upcoming NANPA contract, and wonders whether the contract constraints for the PA and NANPA will be the same under the new NANPA contract. She suggested that further discussions with the FCC Contracting Officer may be beneficial in addressing the dynamics between the administration of numbering resources and the necessary bounds of the government procurement process.

Chairman Atkinson agreed that it can be discouraging when items are pending for long periods of time. Mr. Williams advised that the FCC is aware of the outstanding Change Orders and the need to respond to them. He advised that he expects they will be resolved as quickly as possible.

Anna Miller, T-Mobile USA, questioned whether the new NOWG evaluations and recommendations on the Change Orders have been helpful. Mr. Williams stated that it has been very helpful in giving the FCC a framework to look at. Chairman Atkinson inquired as to when the NOWG provided the input on the Change Orders to the FCC. Ms. Mulberry responded December 6, 2002. Chairman Atkinson questioned whether there has been any action since then. Mr. Williams responded that no decision has been made, but it is being reviewed. Chairman Atkinson inquired about the process once it is received by the FCC. Mr. Williams explained that once it is transmitted to the Contracting Officer, the Contracting Officer will consult with the Bureau and decide whether the FCC should either accept or reject the Change Orders. He further explained that since there are other entities within the FCC involved in the procurement process, additional internal coordination may be required. Chairman Atkinson questioned whether it would be helpful and acceptable for the Contracting Officer, Mark Oakey, to give the NANC members a briefing so that the NANC's expectations can be set at a reasonable level. Mr. Williams advised that he would inquire further as to whether Mr. Oakey can elaborate on the process. He further stated that he wants to make sure that Mr. Oakey is not looked at as a scapegoat because this is a process that is very new, starting with the PA procurement in 2001. Chairman Atkinson stated that the NANC will initiate the open dialogue as suggested.

Mr. Bishop replied to INC's comment that they may stop using PAS, and revert to paper until Change Orders are implemented. Mr. Bishop stated that Section 1.0 of the guidelines state that all thousands block requests and necessary forms will be submitted by Service Providers to the PA by filling out the appropriate request and/or form provided on the PA website. No request and/or form submissions will be accepted via fax, paper, voice or email except in extraordinary circumstances or unless previously agreed to by the PA. Mr. Bishop advised that in this case, and based upon the INC guidelines, the PA will not be accepting paper submissions.

Ms. Smith reported on the Voice over Internet Protocol (VoIP) Workshop. She stated that the INC accepted an issue in November 2002 to explore VoIP and its effect on numbering. Ms. Smith advised that the Workshop convened on January 9, 2003. She reported that the Workshop established its Mission and Scope. It also developed a checklist of the areas to be addressed or explored. Ms. Mulberry proposed that the INC provide a list of the technical issues that they are working on. She further proposed that the NANC be kept informed of what the technical issues are, so that when there are policy issues that need to be discussed, there is some understanding of the separation. Ms. Mickiewicz agreed. Ms. Smith advised that the checklist the INC has put together is a list of areas to explore at this point. She indicated that she would ask the INC to keep the NANC informed and that she would provide a checklist at the March NANC meeting. Chairman Atkinson asked Ms. Smith to send the checklist, website link, and VoIP Workshop schedule to Ms. Blue, and asked Ms. Blue to forward the information to NANC members. He questioned whether VoIP providers are aware that the INC exists and what it does. Chairman Atkinson further questioned whether there has been any attempt by the INC to bring in other industries that are potentially affected by this. Ms.

Smith opined that VoIP providers are aware that the INC has created a Workshop. She advised that ATIS released two press releases in early January, and information can be found on the ATIS website. Ms. Smith stated that the INC would welcome any VoIP providers' input to the Workshop. She advised that state regulators can attend INC Workshops without having to pay, but VoIP providers will be required to pay after they attend one Workshop. Ms. O'Donnell questioned whether the NANC is going to decide what the policy issues are here. Chairman Atkinson stated that we will see how it evolves over time. He further stated that there is no crisis, so there is no need to rush into anything.

Ms. Smith reported that the NANP Expansion (NANPE) Workshop completed its work on the D digit report. The report will be sent to all NANP nation regulators. The report supports Paragraph 106 in the Second NRO Order.

I. Local Number Portability Report (LNPA). Gary Sacra, Verizon, presented the report to the Council. Mr. Sacra stated that the Release 3.2 Project Plan remains on track. He advised that the service provider individual turn-up testing is scheduled to begin March 4, 2003 - April 25, 2003. The service provider group and performance testing will begin April 28, 2003 – May 14, 2003. The Region 1 production date is scheduled for May 19, 2003. Production in Regions 2, 3, and 4 is scheduled for June 2, 2003. Regions 5, 6, and 7 will go into production on June 16, 2003. Mr. Sacra reported that a new architecture planning team has been formed in the LNPA Working Group to address the longer term view of the number portability architecture. He stated that the architecture planning team's responsibility is to assess number portability industry production technical issues within the purview of the LNPA Working Group and develop recommendations for the strategic direction of the Number Portability architecture. Mr. Sacra reviewed the (Problem Identification and Management) PIM report with the Council.

Wireless Number Portability Operations (WNPO) Report to the NANC. Mr. Sacra reported that the WNPO and the Wireless Testing Subcommittee (WTSC) held a joint meeting. The inter-carrier test schedule was reviewed and remains unchanged. Mr. Sacra advised that during an inter-carrier test, a problem occurred with updating the Calling Name Service (CNAM) data base. The concern is that it is more global in nature. The WNPO is investigating why that update did not take place. After the joint meeting, the WNPO held its individual meeting. An election was held for the vacant co-chair position. Sean Hawkins, AT&T Wireless, was elected as the WNPO co-chair. James Grasser, WNPO co-chair, then submitted his resignation. Nominations are being accepted, and an election will be held during the February WNPO meeting.

Mr. Sacra reported that the wireless conflict timer has been raised from 6 business hours to 24 business hours. It will be reset to 6 hours on November 24, 2003. Mr. Sacra stated that an issue was raised regarding porting of non-migrated numbers assigned to a LEC's Type 1 trunks. Communications are required between the LEC and the wireless service provider in sufficient time to ensure that the LEC can route calls to the porting number correctly. This issue will be addressed at the February WNPO meeting. Mr. Sacra stated

that there was discussion about whether all wireless service providers had to send Bona-Fide Requests (BFRs) to all other wireless and wireline service providers. It was noted that some wireless service providers have begun issuing BFRs. This issue will continue to be discussed by the WNPO.

Mr. Sacra reported that there is no new entrant testing occurring at this time. There are a total of 53 wireless service providers who have completed nondisclosure agreements (NDAs) and user applications with NeuStar. There were a total of 225,666 net wireless intra-service provider ports across all NPAC regions between October 1 and December 9, 2002; these intra-service provider ports were completed so that contaminated blocks could be donated to the PA by wireless service providers.

Mr. Sacra advised that the NENA is still working issues related to non-initialized handsets and calls to 911.

Chairman Atkinson expressed appreciation to Jim Grasser on behalf of the NANC for his work over the years on the WNPO.

Wireless Number Portability Subcommittee (WNPSC) Pooling Task Force Report. Anna Miller, Co-Chair, presented the report to the Council. Ms. Miller stated that the WNPSC held a conference call on December 5, 2002. There were four pooling problems identified. Ms. Miller stated that in the NPAC, the NXX code is listed under the SPID of another carrier. This created problems for pooling when codes were being assigned from another carrier. An INC contribution was submitted. The suggested solution was to use the Part 3 confirmation as certification of the NXX Code Holder. Ms. Miller stated that the issue was presented to the INC but was withdrawn because there are guidelines that address it. She further stated that if the guidelines are followed when a code is returned, and the carrier is no longer the code holder of the NXX, there are procedures to update the NPAC so that there is not an incorrect SPID associated with that NXX. Ms. Miller stated that another problem was the incomplete intra-service provider ports. She reported that wireless carriers were receiving some contaminated blocks that formerly belonged to wireline carriers that had not completed all of their intra-service provider ports. Some of these numbers were still assigned. Ms. Miller advised that the WNPSC will submit a PIM to the LNPA WG. She stated most wireless carriers will not be capable of porting customers between carriers (inter-service provider ports) until 4th Quarter 2003. Ms. Miller reported that there were some issues with Ciber record changes that needed to happen to support records where both the Mobile Identification Number (MIN) and the Mobile Directory Number (MDN) were the same. She stated that the issue is being addressed by Ciber, and it is getting close to resolution. Ms. Miller reported that another problem is the inadvertent porting of wireless numbers. She stated that wireless carriers need to have a process in place to monitor NPAC messages and place inadvertent ports into conflict until they can be resolved. Ms. Miller advised that the next conference call is scheduled for January 23, 2003 to address the status of Pooling issues.

J. NBANC Report. John Ricker, NBANC, presented the report to the Council. Mr. Ricker reported that as of December 31, 2002, the current fund balance is \$11.13

Million. He advised that there is a \$1 Million dollar contingency in that total, and an additional \$4.56 Million is being held for reduction of future contribution factors. Mr. Ricker advised that the current year operational balance is \$5.57 Million. He stated that NBANC is anticipating another \$275 Million in receivables. Mr. Ricker indicated that there is a balance of approximately \$8.3 Million for the remainder of the fiscal year.

Mr. Ricker reported that the following payments are remaining to be made: \$2.8 Million to NeuStar for NANPA and CO Code Administration; and \$2.2 Million to NeuStar for Thousands Block Pooling for the current year's contract. There is also a pending performance bonus that NeuStar could receive for Thousands Block Pooling, which could be up to \$616,000. NBANC is awaiting word from the FCC as to how that is going to be handled. NBANC has budgeted an additional \$523,000 for Auditor expenses. NBANC has not received word on the COCUS Replacement costs - \$203,000 has been set aside. An additional \$173,000 has been set aside for MITRE's work on the re-bid of the NANC contract; \$195,000 is set aside to pay NECA; and \$22,000 has been budgeted for NBANC's Board. Mr. Ricker indicated that the total of these expenses is \$6.71 Million. He indicated that there will be a surplus of \$1.6 Million at the end of the funding year, which is June 30, 2003. Mr. Ricker advised that interest income associated with all of the funds that NBANC is holding is projected to be approximately \$170,000. He advised that on June 30, 2003, there should be a balance of approximately \$7.2 Million to carry forward to the next funding year.

Mr. Ricker advised that NBANC's five year term will end in February 2003. He advised that NBANC has agreed to continue on a month-to-month basis for at least three months at the current level. NBANC has requested a five percent increase at the end of the three months if they should continue on a month-to-month basis.

Mr. Ricker reported that the NBANC Board authorized NBANC to pay an additional \$7,350 to its auditor to cover costs associated with working with the FCC that were beyond the scope of what had been contracted for. He advised that the number of delinquent accounts have been reduced from 761 to 613. The outstanding amounts from delinquent accounts are down from \$165,000 to \$108,000. Of the 613 delinquent accounts, 455 owe \$25 or less.

K. Presentation by Vonage digitalvoice. Brooke Schultz, Director of Corporate Communications, Vonage, gave a presentation about her company's product to the Council. Chairman Atkinson read from the NANC Charter in order to remind the NANC members and observers why the NANC is discussing VoIP. He advised that the NANC needs to keep the policy objectives of the NANC Charter in mind. Chairman Atkinson indicated that it will help the NANC to understand whether or not and to what extent the NANC needs to be involved in VoIP issues. He further indicated that it will also help the NANC to understand what information is needed about VoIP in order for the NANC to fulfill its responsibilities.

Ms. Schultz stated that Vonage was founded in January 2001 and has approximately seven million calls across its network. Ms. Schultz reviewed how the product works and

the services offered. Extensive discussion followed regarding Vonage's service and how it works.

Penn Pfautz, AT&T presented a document on VoIP Numbering Issues – Much Ado About Nothing. Mr. Pfautz advised that the document responds to the concerns raised in the VoIP Numbering Issues White Paper offered to the NANC by BellSouth, Verizon, and Qwest at the November 19, 2002 NANC meeting. He stated that AT&T does not see a need for the NANC to pursue this issue. Mr. Pfautz further stated that no one should be raising the specter of a real problem in the NANP because a problem has not been demonstrated. He indicated that there are policy issues, but not technical issues with VoIP.

Randy Sanders, BellSouth, presented a document on BellSouth's Contribution to the INC regarding VoIP. Mr. Sanders advised that BellSouth's contribution is being submitted to assist INC in focusing its effort in the VoIP workshop, to highlight some of the key points of the VoIP paper that BellSouth co-authored, to review the issue statement, and to highlight questions that arise from AT&T's contribution.

After extensive discussion, Chairman Atkinson questioned what the NANC should do next. He pointed out that there are two competing proposals. Chairman Atkinson stated that the recommendation that goes along with AT&T's paper entitled, "Much Ado About Nothing", is to do nothing. He further stated that the recommendation from BellSouth's paper entitled, "BellSouth Contribution to the INC", is that we need to continue to study VoIP. Ms. O'Donnell recounted the NANC's consideration of the services offered by J-FAX and the prior determination that the NANC did not need to address any numbering issues with respect to the services. Chairman Atkinson questioned, as far as precedent is concerned, why VoIP isn't the same as the J-FAX. Mr. Knox stated that after hearing the presentation, Sprint would like to have a little more time to take a position on where it stands on this issue. He further stated that he would like to deal with this issue at the March 19, 2003 NANC meeting. Ms. Mickiewicz, Mr. Kearney, and Ms. Mulberry agreed. Mr. O'Connor recollected that at the time of the reports from J-FAX and Telcordia on unified messaging in general, it was determined at that time, that one could not tell whether it would accelerate or decelerate NANPA exhaust. He stated that it looked to be about neutral. Mr. O'Connor further stated that based on Ms. Schultz's presentation, it seems that may also be the case with VoIP services. He emphasized that it is important for the NANC to continue to ask questions in order to understand new technologies. Mr. O'Connor added that one issue within the purview of the NANC is LNP. He indicated that there is still an issue with porting outside the rate center. Mr. O'Connor noted that there are some guideline issues that need to be examined. He stated that Ms. Schultz's presentation points out that most numbers are assigned in the Local Rate Center. Mr. O'Connor advised that that is a small issue. He explained that if you attempt to port a number, the port would complete and you would have an FCC obligation to allow an end-user to port their number while remaining at the same location. Chairman Atkinson stated that if it is a technical issue, it has a policy implication. The policy implication should come back to the NANC.

Russell Frisby, CompTel, stated that it appears that based upon Vonage's experience and a BellSouth trial, neither has had a real effect on number availability or threatened exhaustion. He further stated that it seems clear that to the extent that Vonage or other VoIP providers might get numbers, they are getting them either as local service providers or from LECs, and the LECs do not appear to be violating any numbering guidelines. Mr. Frisby stated that distant porting seems to be very speculative given that the only evidence before the NANC is that most people choose native numbers. He further stated that there seems to be other forums that can deal with this and it does not raise any issues which are different from those raised by FX and wireless. Mr. Frisby proposed that the NANC should not do anything formal, keep the issue on the backburner, and monitor it. He advised that there is no need for any action at this point. Ms. O'Donnell agreed. She stated that since this particular issue is focused on a technology, if the NANC were to keep it on the Agenda, then the NANC is not being technology neutral.

After extensive discussion, it was decided that there will be an item on the March Agenda for concluding VoIP. If any additional information is presented in writing, or if anyone develops a list of specific issues, there will be discussion at the March meeting under that Agenda item. The INC will provide reports, periodically, about their VoIP Workshop. If that Workshop is producing any concerns, issues, etc., the NANC will be aware of them.

L. Public Participation. None.

M. Additional Announcements and Recent News. Chairman Atkinson expressed concern about implementation issues regarding the Pipeline Safety Improvement Act of 2002. He proposed that an IMG be formed to research the bill. Ms. Connell volunteered to Chair the IMG. WorldCom, SBC, and Verizon volunteered to work on the IMG. Chairman Atkinson stated that if anyone else would like to serve on the IMG, they should contact Ms. Connell. He suggested that the IMG have a quick conference call, and if the conclusion is that this is a huge problem, to let the NANC know before the March 19 NANC meeting.

Mr. Williams announced that the FCC is seeking someone who is currently a Primary Representative on the NANC to serve as Co-Chair. He advised that the primary responsibility of the Co-Chair would be to assist the Chairman with some of his duties and sit in when the Chairman cannot be present. Mr. Williams indicated that the FCC would like to appoint the Co-Chair by the March 19 NANC meeting. He stated that if anyone is interested, they should call or email him within the next 2 weeks.

Next Meeting: March 19, 2003

Action Assignments
January 22, 2003 NANC Meeting

1. Chairman:

- Forward to the FCC the Intermediate Numbers report and the alternative recommendation of the California PUC with a recommendation that the FCC institute a NPRM.
- Forward to the FCC the Soft Dial Tone report with the recommendation that the FCC instruct the NANPA and the PA to implement the recommendations.

2. Pooling Administrator

Track the frequency and report the trend of problems caused by intra-service provider porting on contaminated number blocks.

3. LNPA Working Group

Consider revision of the standard for service providers that require multiple LRNs.

4. Chairman

Transmit final NENO report to the FCC.

5. INC

Provide the NANC with links to the INC VoIP Working Group checklist and work schedule.

6. 3 Digit DIG IMG

As soon as possible, provide estimate of timeline and scale of effort required to comply with statute requiring the establishment of a 3-digit access number to call-before-you dig by December 2003.